

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

H. A. Graves, Pres. F. C. Graves, Mgr. F. C. Graves, Jr., Prop.

1903 ANNUAL SEED CATALOGUE

of Garden, Field and Flower Seeds,
Bulbs, Roots, Small Fruit and Nur-
sery Stock from 

F. C. GRAVES SEED CO.



Our Seed Farm is Located in Story County
on the Skunk River Bottom, near Maxwell, Iowa

Address all Orders to

F. C. GRAVES SEED COMPANY

EAST DES MOINES, IOWA.



We again take great pleasure in mailing you our 1903 seed catalogue knowing well your preference of doing business direct with the grower who can supply you with better seeds at much lower prices than can be quoted by other firms, thereby saving you the retailers profit.

Yours truly,

F. C. Graves Seed Co.



We deliver **FREE** to any Postoffice in the world all Flower Seeds offered in this Catalogue



OUR NEW HOME, EAST DES MOINES, IOWA.



RESIDENCE OF MRS. H. C. GRAVES.

From Cuba

TESTIMONIAL NO. 4.

Santa Clara, Cuba,
Oct. 19, 1902.

F. C. Graves Seed
Co.

Gentlemen,—I used your seeds along with others last spring and can truthfully say that F. C. Graves Seed Co.'s seed yielded more than twice the crop of any other.

Yours truly,
Agustin A. Anido.



Choice Iowa Seeds

AT

1, 2 and 3c per Packet

Seeds of all kinds sold in the bulk

Sacks Free

with all kinds of
Farm Seeds

ASPARAGUS

Columbian Mammoth White, price, packet 2c, ounce 5c, $\frac{1}{4}$ pound 15c.

BEANS

DWARF OR BUSH

Golden Wax, packet 2c, $\frac{1}{2}$ pint 8c, pint 12c, quart 50c, peck \$1.40.

Black Wax, packet 2c, $\frac{1}{2}$ pint 8c, pint 12c, quart 20c. Peck \$1.40.

POLE BEANS

DUTCH CASE KNIFE

Climbing Habbot, very productive, packet 2c, $\frac{1}{2}$ pint 8c, pint 12c, quart 20c, peck \$1.40.

BUSH LIMA BEANS

Henderson Lima Beans, packet 4c, $\frac{1}{2}$ pint 10c, pint 18c, quart 30c.

Common Bush Lima, packet 2c, $\frac{1}{2}$ pint 7c, pint 12c, quart 20c.

POLE LIMA BEANS

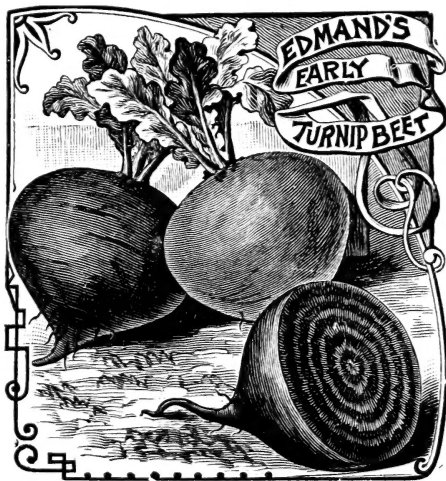
Used to plant with corn. packet 3c, $\frac{1}{2}$ pint 8c, pint 15c, quart 25c.

BEETS

EARLY TURNIP SORTS

Egyptian Turnip Beet, packet 3c, ounce 8c, $\frac{1}{4}$ pound 15c.

Detroit Turnip Beet, packet 3c, ounce 8c, $\frac{1}{4}$ pound 15c.



Early Blood Turnip Beet, packet 3c, ounce 8c, pound 15c.

LONG BEETS

Long Smooth Red, packet 3c, ounce 8c.

Long Dark Blood, packet 3c, ounce 8c.

MANGEL WURZEL BEETS

Grown for stock, sold by the pound, per pound 25c, 5 pounds \$1.15, 10 pounds \$2.00, 20 pounds \$3.80.



OUR PLATFORM



WHAT WE SELL. Farm, Garden and Flower Seeds, Seed Potatoes, Small Fruit Nursery Stock of all kinds.

FREE DELIVERY. We send all packet seeds at the prices given in this book. On farm seed and seed potatoes and nursery stock are shipped by freight and express. Purchaser pays the transportation charges.

FREE PACKING. We make no extra charge for sacks, boxes or packing. Many other seedsmen make an extra charge for all of these.

SEND MONEY by Draft, Money Order or Registered Letter. Dont send personal checks or loose money. Stamps are acceptable.

OUR TERMS are cash with the order.

TO MARKET GARDENERS. The figures given here are our retail prices. If you are in need of a big bill send me the list to figure on before you buy and I will name some interesting prices for you. I am a market gardener myself and know the kinds of seeds you need and I will give you only the best. Try an order if you don't believe it.

EXTRA PACKET OF SEED. With every order we give at the rate of a packet of seed with every 10c worth you order. If your order amounts to \$1.00 you get 12 extra packets of seeds.

CELERY

Golden Self Bleaching, packet 4c, 3 packets 10c ¼ pound 35c.

White Plume, packet 3c, 2 packets 5c.

Boston Market, packet 2c, 3 packets 5c.

SPECIAL OFFER

Thirty-five packets Garden Seeds, best varieties for \$1.00.

POP CORN

Little Tom Thumb, packet 2c, 3 packets 5c, pint 10c.

Ruby King, packet, 2c, 3 packets 5c.

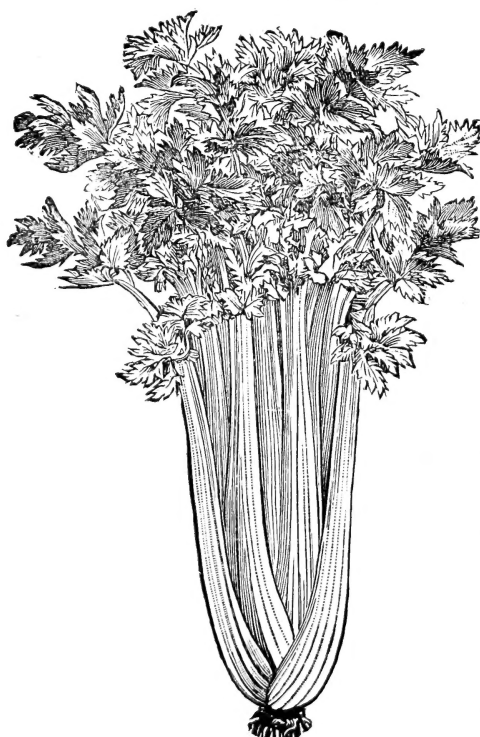
Black Spanish, packet 2c.

Large White Rice, packet 2c, 3 packet 5c, ½ pint 10c.

We buy and sell all kinds of foreign and U. S. postage stamps. Here is a chance for stamp collectors.

Collection No. 1. On receipt of 15c we will send 100 stamps, no two alike.

Collection No. 2. On receipt of 25c we will send the best collection of 200 stamps, no two alike. Order by number.





There is a great demand for Cream Separators and beyond a doubt the **SMITH** is the greatest

FARM SEPARATOR

ever placed on the market. The Separator has been sold for five years and we are safe in saying in the use of the **SMITH** you get more cream, better butter, milk fine and no labor at all and is sold under a positive guarantee. The **SMITH** was the first Separator in the United States that does not mix the milk and water. There are others on the market today but all imitations. If you want a Separator that is scientifically built and will please you in the extreme, remember the

Old Reliable, The Smith

Write them for agent's terms and catalogue. Nothing has and nothing can equal the **SMITH**.

In writing mention this catalogue.

And another thing this company is doing, they build what is known as the 20th Century

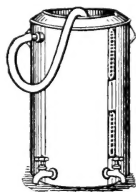
Farmers' Co-Operative Creameries

and will aid any neighborhood in building one of these creameries and will make a cow net you \$50.00 a year at the creamery and a good calf left. Isn't this a good proposition? No community in the United States is complete without a good creamery and this can be had any place in the West Central States if your wants are made known to the

SMITH CREAM SEPARATOR COMPANY

East Sixth and Court Avenue.

DES MOINES, IOWA



CABBAGE

EARLY VARIETIES

Early York, packet 3c, 2 packets 5c, ounce 10c, $\frac{1}{4}$ pound 35c, $\frac{1}{2}$ pound 60c.

Early Jersey Wakefield, packet 3c, 2 packets 2c, ounce 10c, $\frac{1}{4}$ pound 35c.

Early Winningstandt, packet 2c, 2 packets 5c, ounce 7c, $\frac{1}{4}$ pound 25c.

Early Flat Dutch, packet 4c, 3 packets 10c, ounce 12c.

Salazar 4th of July, packet, 5c, 3 packets 10c, ounce 12c.

CABBAGE

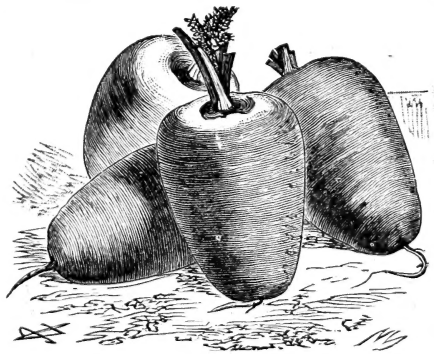
LATE VARIETIES

Late Flat Dutch, packet 3c, 2 packets 5c, ounce 10c, $\frac{1}{4}$ pound 35c.

Large Drum Head, packet 3c, 2 packets 5c, ounce 10c, $\frac{1}{4}$ pound 35c.

Marble Head, packet 2c, 3 packets 5c, ounce 7c, $\frac{1}{4}$ pound 25c.

Mammoth Autumn King, one of the largest cabbage grown, packet 5c, 3 packets 10c, ounce 12c, $\frac{1}{4}$ pound 40c.



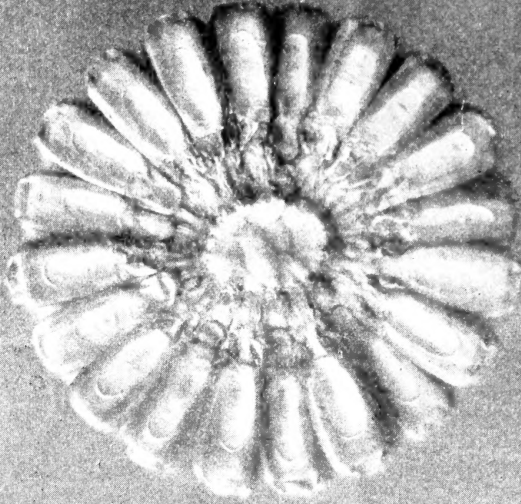
CARROTS

Denver Half Long, packet 2c, 3 pkts, 5c, ounce 8c.

Ox Heart, packet 2c, 3 packets 5c.

Long Orange, packet 1c, 6 pkts, 5c, oz, 5c, $\frac{1}{4}$ lb, 12c.

IOWA SUCCESS



One Word

To the Farmer and Stock Man, that is the Iowa Success Corn is the greatest yielder of corn. It has no equal. We can honestly say and prove that last fall, 1902 from ten acres, there was husked 1321 bushels of corn. This is one of the earliest varieties of corn that can be produced. There is but 8 pounds of cobs in a bushel of ears and 62 pounds of corn. Now as we have a limited amount of this corn to offer, prices are, packet 5c by mail postpaid Prices by freight or express, quart 25c, peck 75c, $\frac{1}{2}$ bushel \$1.25, bushel \$2.25. Sacks furnished free.

SEED CORN

Iowa Gold Mine, peck 60c, $\frac{1}{2}$ bushel \$1 00, per bushel \$1.75.

Iowa Silver Mine, peck 80c, $\frac{1}{2}$ bushel \$1 10, per bushel \$2.00.

Pride of the North, peck 50c, $\frac{1}{2}$ bushel 90c, per bushel \$1.60.

Hickory King, peck 70, $\frac{1}{2}$ bushel \$1.15, per bushel \$2.00.

Legal Tender, peck 60c, $\frac{1}{2}$ bushel \$1.00, per bushel \$1.75.

Sacks furnished free. All corn shipped by freight purchaser pays the charges.



FLINT CORN

King Philips, an early 8 row red flint variety with ears from 10 to 15 inches long. Prices by mail packet 3c, pound 20c; by freight, peck 60c, bushel \$2.25, 10 bushel or more at \$2.00. Sacks free.



SUGAR CORN

Early Minnesota, packet 2c, $\frac{1}{2}$ pint 8c, pint 15c by mail.

Dwarf Evergreen, packet 2c, 3 packets 5c, $\frac{1}{2}$ pint 8c, pint 15c.

Early Coray, packet, 2c, 3 packets 5c, $\frac{1}{2}$ pint 8c, pint 15c, quart 25c.

Mammoth Evergreen, packet 2c, $\frac{1}{2}$ pint 8c, pint 15c.



Prices for Sugar Corn in Larger Quantities Sent on Application

The Cedar Rapids Supply Co.

MANUFACTURER'S AGENTS

IS THE PLACE TO BUY

Gasoline Pumping Engines

Feed Mills and Grinders

Farm Trucks and Stock Tanks

Wood Saws and Frames

Steam Feed Cookers

Portable Saw Mills

Brass Goods, Hose and Belting

Buggies, Harness, Whips, Robes, Etc.

Because Their Goods are First-Class
And Their Prices are Reasonable

WRITE FOR PRICES

Cedar Rapids, Ia.

Des Moines, Ia.

Lincoln, Nebr.

VARICOCELE

CURED TO STAY CURED



Investigate our record of cures before paying your money for experimental treatment. We give you a **Legal Guarantee** to cure Varicocele or Hydrocele in 5 to 7 days without pain or danger, to **stay cured**. Every man afflicted with **Nervous Debility, Blood Poison or any Venereal Disease** should consult us and learn what our scientific treatment has done for others. What we have done for others we can do for you. It is no experiment. **Charges are Low** and within the reach of all.

Thousands of men who have experimented with the **Free Treatment Fakes**, patent medicines and the general physician and have become discouraged and believe their cases incurable can be permanently and perfectly restored by our unrivaled treatment. Over 50,000 men have been cured by our **Home Treatment**. If you have become discouraged and want proof we shall be pleased to furnish any kind of proof on application. Send for our 84-page beautifully illustrated book. It will give you more reliable, honest information than any book of the kind published and it is sent free. Consultation free. References, any bank in Des Moines. Business strictly confidential. Write to-day.

DRS. FELLOWS & FELLOWS

Suite 50, Rollins Bldg., Cor. 4th and Walnut.

Des Moines, Iowa.

DWARF ESSEX RAPE



The most popular, productive and profitable forage plant ever introduced. All who try it double their acreage the following year. It is easily grown everywhere. Grows on all kinds of ground. Costs only 30 to 40 cents per acre for seed. Requires no cultivation after sowing. Produces 20 tons of feed per acre. Hogs, sheep and cattle fatten on it. Better order early.

Prices, packet 2c, pound 20c, 3 pounds 50c, postpaid. By freight or express, purchaser to pay charges, 5 pounds 50c, 10 pounds 80c, 100 pounds \$6.50.

CAULIFLOWER

Henderson's Early Snow Ball, packet 5c, 3 packets 10c.

Large Late, packets 4c, 3 packets 10c, ounce 60c.

CUCUMBER

Long Green, packet 3c, 2 packets 5c, ounce 7c.

Little Green Cluster, packet 3c, 2 packets 5c, ounce 8c.

White Spine, packet 3c, 2 packets 5c.

See page 4 for Stamp Collection. 100 Stamps for 15c, no two alike.

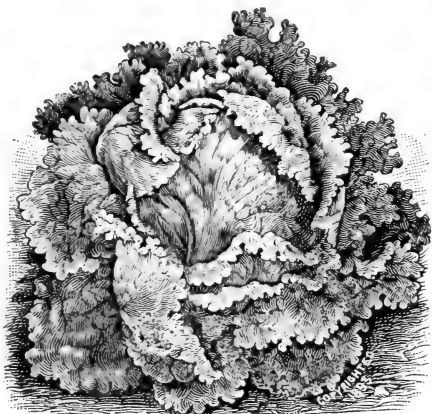
COFFEE

German Coffee Berry is one of the best preparations for coffee there is. When used with cream and sugar it is hard to distinguish it from real coffee, packet 2c, 3 packets 5c, $\frac{1}{2}$ pint 10c, pint 15c, by mail postpaid.

EGG PLANT

Long Purple, packet 3c.
Round Purple, packet 3c.
Round White, packet 5c.

LETTUCE

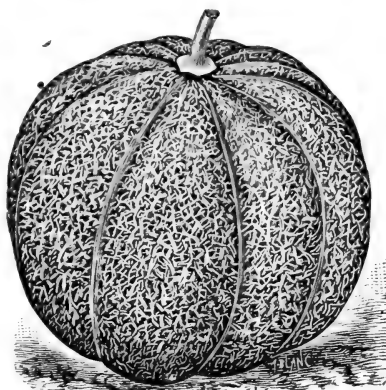


Prize Head, packet 3c, ounce 12c.
Green Fringed, packet 3c, ounce 12c.
Denver Market Head, packet 4c, ounce 15c, $\frac{1}{4}$ pound 25c.
Cal Cream Butter, packet 3c, ounce 12c, $\frac{1}{4}$ pound 25c.
Mixed Lettuce Seed, packet 2c, ounce 8c, $\frac{1}{4}$ pound 20c.

MUSTARD

White English Seed, used for pickles, packet 2c, ounce 4c, $\frac{1}{4}$ pound 10c, $\frac{1}{2}$ pound 15c, 1 pound 55c.
Black Seeded Mustard, packet 1c, 6 packets 5c, ounce 3c, $\frac{1}{4}$ pound 8c.

MUSK MELON



Rocky Ford, packet 4c, 3 packets 10c, ounce 10c, $\frac{1}{4}$ pound 20c, $\frac{1}{2}$ pound 30c, pound 50c.
Emerald Gem, packet 3c, two packets 5c, ounce 8c, $\frac{1}{4}$ pound 15c.
Nutmeg, the old favorite, packet 2c, 3 packets 5c.

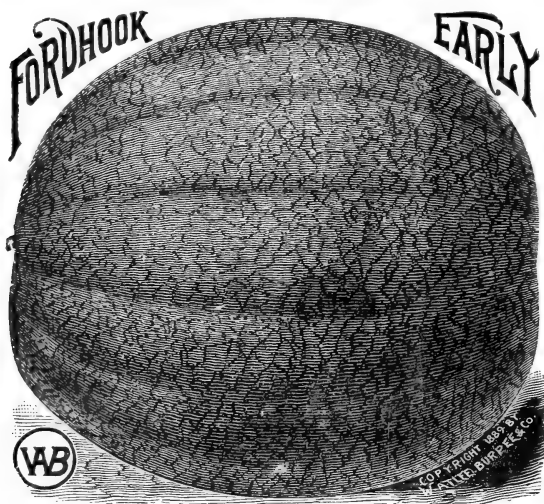
ONIONS



COPYRIGHTED
1892
BY W.A.B. & C.

Silver King, packet 3c, 2 packets 5c, ounce 7c, $\frac{1}{4}$ pound 25c.
Red Weathersfield, packet 3, ounce 7c, $\frac{1}{4}$ pound 25c, $\frac{1}{2}$ pound 45c.
Prize Taker, packet 5c, ounce 10c, $\frac{1}{4}$ pound 30c, $\frac{1}{2}$ pound 55c.

**We call your attention to the Stamp offer on page 4.
200 Stamps, no two alike, for 25 cents.**



WATERMELON

Ice Cream Melon, packet 3c, ounce 6c, $\frac{1}{4}$ pound 15c, $\frac{1}{2}$ pound 30c, pound 35c.

Mountain Sweet, packet 3c, ounce 6c, $\frac{1}{4}$ pound 15c, $\frac{1}{2}$ pound 20c.

Cole's Early, packet 3c, 2 packets 5c, ounce 6c, $\frac{1}{4}$ pound 15c.

Sweet Heart, packet 3c, 2 packets 5c, ounce 6c, $\frac{1}{4}$ pound 15c.

Remember that we make no extra charge for sacks, boxes or packing. Many other firms charge extra for these.

SQUASH

WINTER SORTS

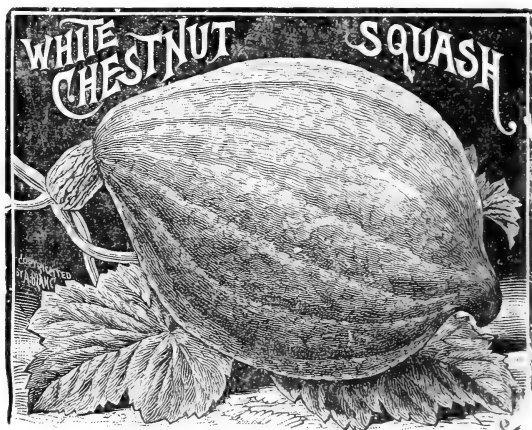
True Hubbard, packet 2c, ounce 6c, $\frac{1}{4}$ pound 20c, $\frac{1}{2}$ pound 35c.

Boston Morrow, packet 2c, ounce 6c, $\frac{1}{4}$ pound 18c, $\frac{1}{2}$ pound 30c.

SUMMER SORTS

White Bush Scollup, packet 2c, ounce 6c, $\frac{1}{4}$ pound 18, $\frac{1}{2}$ pound 30c.

Early Bush Crookneck, packet 2c, ounce 6c, $\frac{1}{4}$ pound 20c, pound 35c.



ONION SETS

Red Sets, pint 10c, quart 18c, by mail.

Yellow Sets, pint, 10c, quart 18c, by mail.

White Sets, pint 15c, quart 25c, by mail.

Red Buttons, pint 15c, quart 25c.

yellow Buttons, pint 15c, quart 25c.

White Buttons, pint 20, quart 35c.

Prices on onion sets in larger quantities sent on application.

All orders filled the same day they are received.

SPINACH

Long Standing, packet 2c, ounce 4c, quarter pound 11c, half pound 25c.

KOHL RABI

A vegetable, intermediate between the cabbage and turnip, packet 3c, ounce 18c.

LEEK

Cultivated same as onions, packet 3c, ounce 30c, quarter pound 45c.

SAGE

Salzer's Giant Leaf, packet 5c, ounce 20c, quarter pound 50c, half pound 75c.

Seed Oats

EARLY CHAMPION

This variety of oats has increased in popularity every year, as one of the very best dwarf oats and is very largely grown in the central states on rich, heavy loam. Packet 2c, pint 15c, quart 25c, by mail postpaid. Prices by freight, peck 30c, half bushel 45c, bushel 75c, 10 bushel \$6.00, 20 bushel \$11.00.

THE LINCOLN OATS

This splendid variety originated in Minnesota. Packet 2c, pint 15c, quart 25c, py mail. By freight, peck 25c, half bushel 45c bushel 80c, 10 bushel \$5.00.

Cress or Pepper Grass

Used with lettuce for flavoring, packet 2c, ounce 4c.

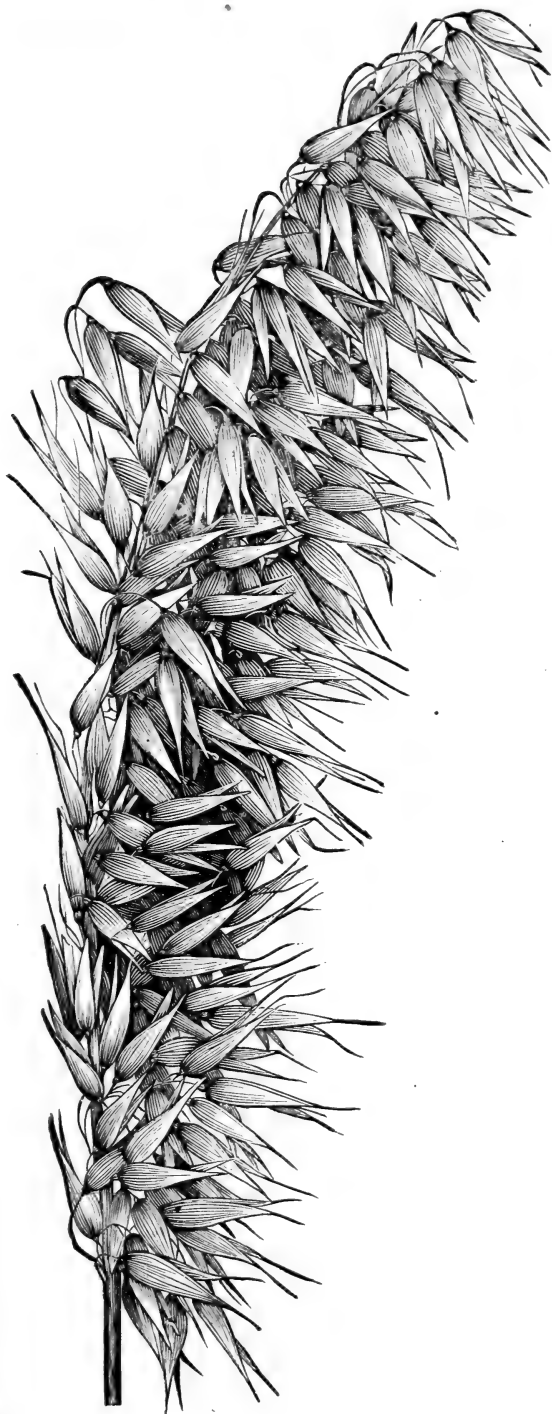
PARSLEY

Large Hamburg Parsley succeeds best in rich mellow soil; packet 3c, ounce 10c, quarter pound 20c.

TURNIP

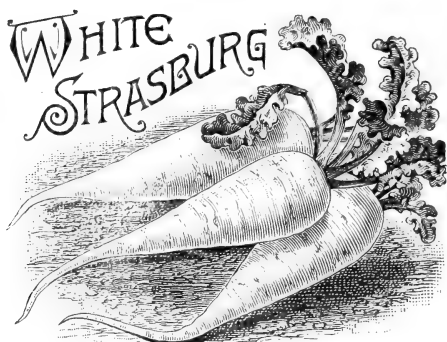


Purple Top, Strapped Leaves, the well known variety, packet 3c, ounce 7c, quarter pound 15c, half pound 25c, pound 45c.



RADISHES

SMALL EARLY SORTS



Early Scarlet Turnip, packet 3c, ounce 6c, quarter pound 15c, half pound 25c.

French Breakfast, packet 3c, ounce 6c, quarter pound 15c, half pound 25c.

Early White Turnip, packet 3c, ounce 7c, quarter pound 16c, half pound 25c.

Long Scarlet Short Top, packet 3c, ounce 5c, quarter pound 12c, half pound 20c.

Long White Strasburg, packet 4c, ounce 8c, quarter pound 20c, half pound 30c.

Mixed Radish Seeds, packet 2c, ounce 4c, quarter pound 10c, half pound 15c,

Chartier, packet 3c, ounce 7c.

Large Black Spanish, a late winter sort, packet 3c, ounce 8c, quarter pound 18c, half pound 35c.

VINE PEACH

The fruit is about the size of a peach and is used for sweet pickles and preserving. packet 2c.

TOMATOES

Large Red Beauty, packet 3c, ounce 20c.

Improved Tree, packet 3c, ounce 20c.

Dwarf Champion, packet 3c, ounce 20c.

Golden Queen, Large Yellow, packet 3c, ounce 20c.

Large Ferris Wheel, one of the largest grown, packet 4c, ounce 25c.

Husk Tomato, for preserving packet 3c, ounce 40c.

Little Cherry Tomato, for preserving, packet 5c, ounce 30c.

Mixed Tomato Seed, packet 5c, ounce 35c, quarter pound \$1.00.

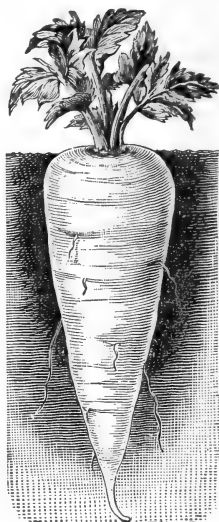
TOBACCO

Big Havana, best known variety, packet 3c, ounce 30c.

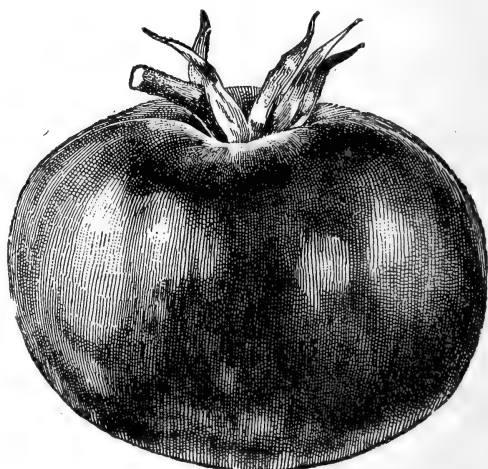
RUTA BAGA

Improved American Purple Top, packet 3c, ounce 6c, quarter pound 15c, half pound 40c.

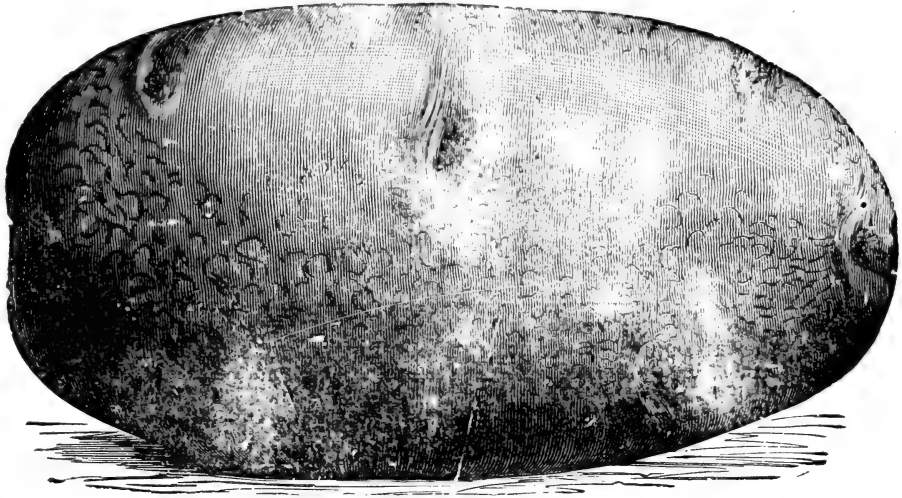
PARSNIPS



Long Sugar. We believe this is the finest stock of parsnip that can be produced. Price packet 3c, ounce 15c, quarter pound 25c.



SEED POTATOES



Early Six Weeks, one of the earliest varieties we can find.
 Extra Early Ohio, a variety well known to market gardeners.
 Farmers Beauty of Green Mountain, a very nice sort for winter use.

Prices on Potatoes
 sent on Application. Sacks and
 Barrels free.

PUMPKIN

Common Yellow Field, packet 3c, ounce 6c,
 quarter pound 12c, pound 25c.

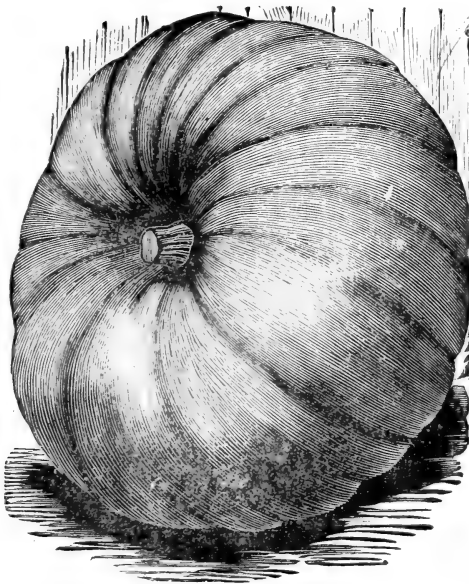
Mammoth Yellow, packet 4c, ounce 6c, quar-
 ter pound 15c, half pound 25c, pound 35c.

Sweet or Pie, packet 3c, ounce 8c.

SALSIFY OR VEGETABLE OYSTER

Wisconsin Golden Rooted, packet 3c, ounce
 20c, quarter pound 50c.

Remember that with every order
 you send in, no matter how small, we
 give extra packets of seeds. The
 bigger your order the more seeds you
 get free.



FREE PACKING. Remember that we make no
 extra charge for Sacks, Boxes or Packing.

The World's Greatest Nerve and Brain Tonic

KOLA-ETTES

A Great Vegetable Vitalizer for Men and Women

Cures to Stay Cured

ALL FORMS OF

Nervous and Brain Diseases

Those who are suffering from any of the ailments noted below will find immediate and positive relief if they will use this remedy, for each of these ailments is due to a diseased condition of the nervous system. Long-standing and Advanced Stages of Nervousness, Neurasthenia or Debility of the Nerves, Insomnia, Heart Trouble, Physical Relaxation, Prostration and physical Decline, Results of Violating the Laws of Health or of Poison in the Blood and all Diseases of the Nervous and Reproductive System.

Kola-Ettes Not a Dope

The several ingredients entering into the composition of this valuable remedy are now used by all the most eminent and successful physicians in both hemispheres. They are now for the first time placed within the reach of everybody. The secret of their great utility lies in the fact that they are not a "dope," whose chief effect is a violent and transitory one, but that they contain in a concentrated and acceptable form the healthy vital action or living bodies possible. By increasing the nervous energy of the whole body those parts and organs that are weak and exhausted from misuse, abuse or disease, are actually regenerated. Partaking of the general increase of vital force, they are enabled to resume their work again; their natural activity returns; they elaborate healthy secretion as formerly, and thus the whole economy is naturally and quickly restored to vigorous health once more.

Weakness is a Crime

Kola-Ettes are a wonderful, vitalizing restorative agent of the Nervous and Productive System. They tone and invigorate every organ of the body, soothe and strengthen the nerves and transform broken-down men and women into healthy, vigorous, ruddy-cheeked persons. They will quickly strengthen and cure all forms of nervous diseases, such as Despondency, Insomnia, Lack of Energy, Nervous Debility, Pimples, Exhaustive Drains, Nervous Dyspepsia and Constipation. If you find this isn't so you get your money back.

Pay no attention to advertisements offering free prescriptions or free samples; they are simply schemes to get the addresses of parties suffering from nervous weakness. **Kola-Ettes** are sold under a bankable guarantee. Each box contains a sight draft on us for one dollar; if after using you are not satisfied, take the draft to your local bank and they will give you your money back. Packed in a plain box and sent to any address for One Dollar. Six boxes for Five Dollars. Address.

AMERICAN KOLA CO.

DES MOINES, IOWA

If you cannot get KOLA-ETTES from your druggist send direct to the home office. If your druggist offers you something as a substitute, "just as good," it is because KOLA-ETTES cost more than the many so-called remedies on the market which stimulate but do not cure.

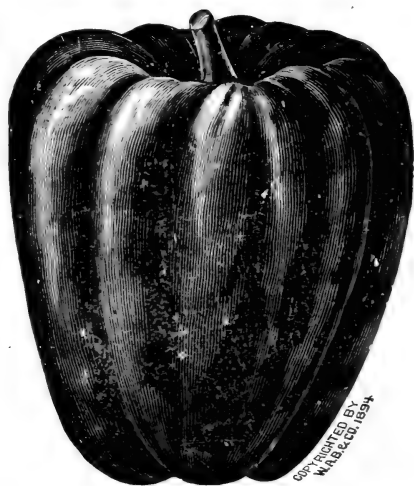
CANE SEED

Early Amber. This popular variety has nearly taken the place of all other sorts. Price by mail, packet 3c, ounce 5c, quarter pound 10c. Price by freight, pound 6c, 10 pound 40c, 50 pound \$3.00, 100 pound \$5.90.

MILLET

Large German, medium early, will grow in any climate or soil. Sample free. Prices sent on application.

PEPPERS SWEET MANGO



Large Red Bell, packet 3c, ounce 25c.

Golden Queen, a yellow sort, packet 4c, ounce 25c.

Long Cayenne, packet 3c, ounce 25c.

Mixed Pepper Seed, packet 3c, 2 packets 5c, ounce 25c.

GRASS SEEDS



Red June Clover. This is the common red clover. Sample free. Prices per bushel sent on application.

Timothy. This year's crop. Prices sent on application.

PEAS

BUSH SORTS

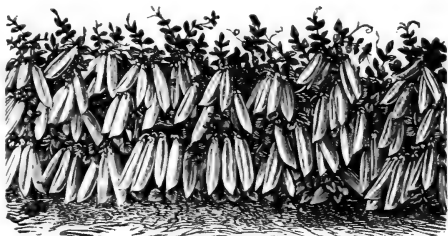
McClain's Little Gem, packet 2c, $\frac{1}{2}$ pint 8c, pint 15c, quart 25c.

Bliss American Wonder, packet 8c, $\frac{1}{2}$ pint 8c, pint 15c, quart 25c.

Premium Gem, packet 2c, $\frac{1}{2}$ pint 8c, pint 15c, quart 25c, peck \$1.30.

Alaska, packet 2c, $\frac{1}{2}$ pint 10c, pint 18c.

Nott's Excelsior, packet 2c, $\frac{1}{2}$ pint 8c, pint 15c, quart 25c, peck \$1.35.



LATE SORTS

Champion of England, packet 2c, $\frac{1}{2}$ pint 7c, pint 12c, quart 20c.

Large White Marrowfat, packet 2c, $\frac{1}{2}$ pint 12c, quart 20c.

PEANUTS

RED CROSS

Peanuts are a success in Iowa. Anyone can raise peanuts as easy as they can potatoes. Packet 5c, pound 20c, postpaid.

REMEMBER, that for every 10 cents worth of seeds you buy you get one packet extra. Thus if you order \$1.00 worth we send 12 extra packets.



SPRING WHEAT

Stem Beardless, unequalled for earliness. Peck 40c, half bushel 75c, bushel \$1.25, 10 bushel \$10.00.



RYE

For fall sowing, prices sent on application



BARLEY

Vermont Champion, two rowed early, hardy prolific, packet 40c, half bushel 75c, bushel \$1.25, 10 bushel \$9.00.



BUCKWHEAT

Japanese and Sirver Hull, distinct and superior to all other varieties. Packet 2c. Prices per bushel sent on application.



EARLY GARDEN PLANTS



EARLY CABBAGE

Early York, Early Flat Dutch, Early Jersey, Early Winningstadt, price per hundred 40c, per 1000 \$2.50 by express.

EARLY TOMATOES

Early Tree, Early Red Beauty, Early Acma, Dwarf Champion, per hundred 40c, per thousand \$2.50, by express.

JERSEY SWEET POTATOES

Per hundred 30c, five hundred for \$1.00, five thousand or more at \$1.40 per thousand.

All plants must be sent by express at purchaser's expense. No extra charges for boxes or drayage.

Acme Seed Drill

A nice little machine which has been tested by gardeners in all parts of the United States. Each \$1.50, two for \$2.60.

Ten Complete Novels



Each under separate cover. They consist of detective stories and adventures. These 10 books will be sent post-paid on receipt of 25c, 30 books for 50c, 100 books \$1.50.

Remember our seeds are all home grown and warranted to be fresh.



TESTIMONIAL NO. 1.

F. C. Graves Seed Co.

Kind Sirs,—your seeds have indeed proven satisfactory. I have been making garden for 11 years and never have had such success. My cabbage are fine. My tomatoes came on in June and could not be better satisfied all around and you may depend upon it that the F. C. Graves Seed Co will be my seed firm in the future. Yours sincerely,

H. C. Wiedeberg, Sidney, Neb.



Extra packages of seeds sent with every order, no matter how small.

Poultry Supplies

Crushed Oyster Shells



We sell oyster shells, not clam shells. Price per 100 pounds, 90, 50 pounds 55c, 10 pounds 15c

Mica Crystal Grit

Price per 100 pounds \$1.10 50 pounds 55c.

Bone Meal.

Price per 100 lbs. \$2.75, 50 lbs \$1.50, 25 lbs 90c, 10 lbs. 50c.

Opal Glass Nest Eggs.

Price per dozen 25c, 2 dozen 40c.

Leg Bands.

Copper or Aluminum.

One dozen, 20c, 3 dozen 50c, each 4c.

Lee's Lice Killer.

Price, quart 40c, 2 quarts 60c, 1 gallon \$1.

Spratt's Patent Dog Cake.

Spratt's patent Dog Cakes are staple and constant diet. Price 3 lbs 25c, 5 lbs. 40c, 10 lbs 75c, 25 lbs. 75c. Sent by freight.



TESTIMONIAL, NO. 2.

Wakefield, Va.

F. C. Graves Seed Co.:

Gentlemen:—I got the seed you sent me. I like them just grand. My Job's Tears are beautiful, and at

any time I can help you by getting other customers I shall do so with the greatest of pleasure. I shall send in my order soon.

Yours as ever, Miss Delie Owen.

Gold Fish.

Our stock of Gold Fish is superior to all others. We furnish the very best at 15c each, 2 for 25c, and 10c additional for bucket.

Fish Globes.

1 gallon Standing Globe, \$1.00.

2 gallon Standing Globe, \$1.75.

1½ quart Hanging Globe, 20c.

Fish Food.

Per box, 10c.

Gold Fish and Globes must be sent by express, purchaser paying the charges.

Flower Pots

AND SAUCERS.

| | Each | Doz. | Per 100 |
|-------------|------|------|---------|
| 4 inch..... | 3c | .20 | \$1.20 |
| 3 inch..... | 3c | .15 | 1.00 |
| 5 inch..... | 5c | .30 | 1.80 |
| 6 inch..... | 5c | .45 | 3.00 |

SAUCERS.

| | Each | Doz. | Per 100 |
|-------------|------|------|---------|
| 4 inch..... | 2c | .15 | \$.90 |
| 5 inch..... | 2c | .18 | 1.25 |
| 6 inch..... | 3c | .30 | 2.00 |

By express, purchaser paying charges.



Fuchsias.

These when in full bloom are the most graceful of all cultivated plants. Nothing surpasses the beauty of well grown specimens. Price 15c each, 2 for 25c.



HARDY ROSES.

Crimson Rambler.

Imported from Japan, the land of wonder. It is a rapid grower. Price each 15c, 2 for 25c, 5 for 50c, per doz. 80c.

Common Bush Roses.

White, Yellow, Pink and Red. Prices each 5c, 6 for 25c, per doz. 40c.

Beauty of Green Mountain.

Flowers a bright scarlet. Each 15c, 2 for 25c, per doz. \$1.00.

Pearl de Jardins.

A very golden yellow. Each 15c, 2 for 25c, per doz. \$1.00.

White Pet.

A double white rose very beautiful. Each 15c, 2 for 25c, per doz. \$1.00.

Mary Washington.

A lovely White climber. Each 20c, 3 for 50c, per doz \$1.50.

Marie Henrietta.

A bright cherry red color. Each 15c, 2 for 25c, per doz. \$1.00.

Prairie Queen.

Pink Climber. Each 20c, 3 for 50c, per doz. \$1.40.

White Memorial.

White Creepers for Cemeteries. Each 20c, 3 for 50c.

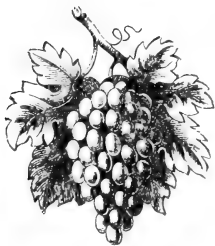
All Roses must be sent by express, as they are very perishable. Charges paid by purchaser. We make no charges for boxing and packing.



GRAPE VINES.

Hardy Two-Year-Old Roots.

We have grown for this year a fine stock of the leading varieties of Grapes.



Prices on Grapes.

By express, not prepaid.

| | Per Doz. | 100 |
|---|----------|---------|
| CONCORD, the old standard for main crop | \$.75 | \$ 5.00 |
| MOORE'S EARLY, best Early Black | 1.25 | 10.00 |
| AGAWAM, best Red | 1.25 | 10.00 |
| NIAGARA, best White | 1.25 | 10.00 |
| POCKLINGTON, best Yellow | 1.25 | 10.00 |

25 or over at the 100 rate.



Cumberland Raspberry.

RASPBERRIES.

The Cumberland, one of the largest Raspberries grown, originated in Pennsylvania, but has been tested throughout the west. For general crop it has no equal.

Price each 15c, dozen \$1.00. By express, per 100, \$3.00.

BLACKBERRIES.

Snyder, an old well known variety and a standard in all parts of the country.

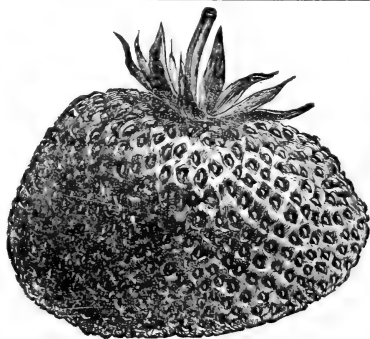
Prices by express, each 10c, per dozen 60c, per 100 \$2.00.

Strawberry Plants.

Warfield, Crescent, Bismark and Seaford.

Best large varieties.

Prices by mail or express prepaid—Per 100 \$1.00, 25 for 30c, \$2.50 for 300.



Prices on Other Small Fruit.

| | Doz. | Hundred |
|--|--------|---------|
| CURRENTS, RED DUTCH, best Red..... | \$1.00 | \$8.00 |
| GOOSEBERRIES, DOWNING, very large..... | 1.00 | 8.00 |
| RHUBARB, RED VICTORIA, large and tender..... | .75 | 6.00 |
| ASPARAGUS, COLUMBIAN, mammoth White..... | .25 | 1.50 |
| SAGE, SALZERS' GIANT LEAF..... | .75 | 6.00 |

25 of any of the above at the 100 rate.

Plum Trees-

Grafted on 3-year-old roots, strong and hardy. Wolfe, Hawkeye, Wyant, DeSoto and Stoddard, 50c each, per dozen \$4.50, by freight or express, not paid. If you desire to purchase anything in the line of trees, send list of needs and we will quote our best prices.



THE Handy Typograph

For marking signs, price tickets, etc. It contains full alphabet, figures, points, pound dollars, cents, self inking pad and rule. These are half inch rubber letters mounted on hard wood moulding, each letter by itself. Sent postpaid for 60c, 2 for \$1.00.

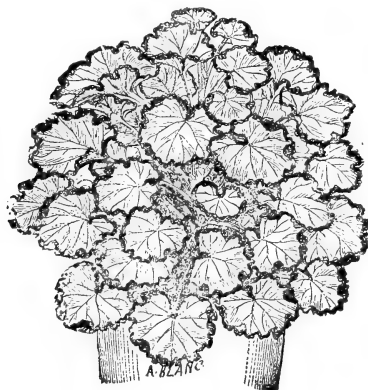
Universal Dater

This is a rubber band dater of great usefulness. It is good for ten years in advance. Price each 20c, 3 for 50c, postpaid.

Hardy Flowering Plants

GERANIUM

A fancy flower sort, remarkable color, quite distinct and all most startling, each 15c.



RUYBLAS GERANIUM

An extra double pink variety bearing large trusses of large flower in profusion. Each 15c, sent by mail postpaid.

CARNATIONS

Fine, clean, healthy plants, 60c per dozen, by mail postpaid.

Lily of the Valley

A very delicate flower, known to every one, dozen 30c postpaid.

CALLA LILIES

BLACK SORT

This is the wonderful black calla of Palestine. Each 30c.



LITTLE GEM CALLA

One of the pure white sorts, commences to bloom when 6 to 9 inches high. Each 15c, 2 for 25c, postpaid.

CLEMATIS

Large flowering. We have them in colors of white, purple and rose red. Hardy two-year old roots, each 25c, 3 for 65c.

TULIPS

Single extra fine mixed 30c per dozen.
Double extra fine mixed 40c per dozen.

CROCUS

In any color desired, 15c per dozen.



SEND

in your orders
early and avoid
the rush.

STANDARD FLOWER SEEDS

BALSAMS

One of the most beautiful of our annuals. Best mixed, packet 3c, ounce 20c.

BACHELOR BUTTONS

This is a well known variety of many colors. Fine mixed, packet 3c.

BALLOON VINE

Grown for its ornamental pods. Its growth is from six to eight feet high, packet 3c, ounce 15c.

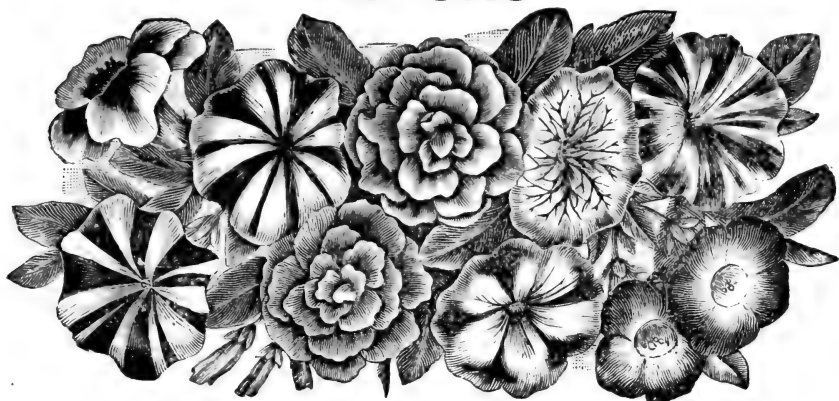
BLACKBERRY LILY

The seed pods are used in cut flowers, very ornamental. Packet 3c, ounce.

CASTOR BEAN TALL

Planted for lawns, very nice to plant in garden to keep out moles. Packet 3c, ounce 10c.

ASTORS



New Diamond, all sorts mixed. Packet 4c, ounce 50c.

CHRYSANTHEMUM

Fine for cut flowers. Can be taken up in fall and kept in house and will bloom in winter. Packet 3c, ounce 50c.

CYPRESS VINE

A most beautiful climber with red and white flowers. Packet 5c, ounce 40c.

CELOSIA OR COXCOMB

One of the most beautiful flowers that can be grown in the open ground. Packet 3c.

CANNA SEED

Very handsome tropical looking plant. Mixed variety, packet 5c, three packets 10c, ounce 20c.



TESTIMONIAL NO. 6

Thornton, Iowa.

F. C. Graves Seed Co.

Dear Sir,—I would like to tell you about the seeds I bought of you last spring for myself and neighbors. We are all very well satisfied. We had the nicest flowers and the daintiest vegetables that you would want to look at. You can count on us for your customers next spring and I hope to send in a big order.

Yours truly,

Mrs. Anton P. Nelsen.

CLIMBING NASTURTIUM,

A very fine, handsome climbing varieties of flowers with a rich color. Packet 3c, ounce 20c, quarter pound 50c.



TESTIMONIAL NO. 3.

Rockdale, Texas, Oct. 19, 1902.

F. C. Graves Seed Co.

My Dear Friends,—I tried some of your seed, 12 packets for 10c, and I wish you to send me a catalog for 1903. I want to be early this year. Thanking you very much for same.

Yours very truly,
Charley Brockenbusch, Jr.

DWARF NASTURTIUM

These flowers may well be classed among our most showy and handsome annuals. Packet 3c, ounce 20c.

FEVER FEW

The highly esteemed Bachelors Button of old time garden. Packet 3c.

FOUR O'CLOCK

Can be grown in any soil. Mixed colors, packet 3c' ounce 20c.

HYACINTH BEANS

A rapid growing summer climber bearing clusters of purple and white flowers. Packet 3c.

HOLLYHOCKS

This variety is in many colors.

Double mixed, packet 3c, ounce 25c.
Hollyhock roots mixed, one year old plants strong, each 5c, six for 25c, per dozen 40c.

JOB'S TEARS

An ornamental bead plant, packet 3c, ounce 8c, quarter pound 20c.

LARKSPUR

Plants of great beauty, richness and endless variety of colors. Packet 3c, ounce 50c.

NIGELLA

Or Love in a Mist. Pretty annual known as Lady in the Green or Devil in the Bush. Packet 3c, ounce 30c.

MARIGOLD

The large African sorts in many colors. Packet 3c.

MORNING GLORY

Well known to all. Improved large flowering in mixed colors, packet 3c.

MIXED FLOWER SEEDS

One hundred sorts of the best annual blooming flowers, packet 5c.

PETUNIA**Single and Double Mixed**

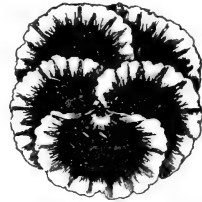
Surely no garden is complete without a bed of elegant Petunias. They commence blooming early and continue all summer. Packet 4c, ounce 60c.

PORTULACA

Or Moss Rose. These make perfectly gorgeous masses of colors, packet 5c.

PHLOX

Star Phlox and Phlox Drummond. If we could have but one flower in our garden that one would be the Phlox on account of its brilliant shades and colors. Packet 5c.

PANSIES**Best Mixed Rainbow Sorts**

These little beauties need no extended description as it would be hard to find even a child in the land whose heart has not been gladdened by their bright faces. Small packet 5c, large packet 10c.

PINKS

The hardy and pretty clover scented flowers which our grandmothers loved so well. In many colors, packet 5c, ounce 50c.

POPPIES

Choicest mixed in many colors, packet 3c, ounce 30c.

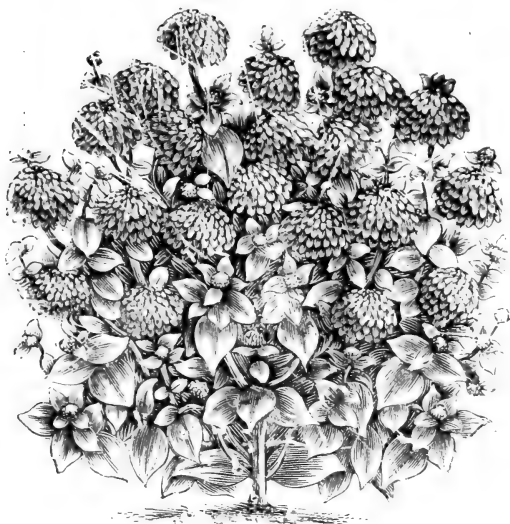
SUN FLOWERS

Dwarf sorts, packet 3c.

Large Russian Sun Flowers grown for stock and firewood, packet 3c, half pint 10c, pint 15c.

SWEET PEAS**Large Flowering**

Choicest mixed, packet 4c, ounce 7c, quarter pound 20c, half pound 35c, pound 60c.



ZINNIA

The Zinnia is a brilliant annual and general favorite, its splendid double flowers reveling in beauty, size and form.

Packet, 3 oz. 40c, $\frac{1}{4}$ lb. \$1.00.



If you want the very best

**Garden or
Field Seeds**

obtainable, try ours
—they are grown
with care, and are,
therefore,

THE BEST.



Verbena.

Choicest Mixed.

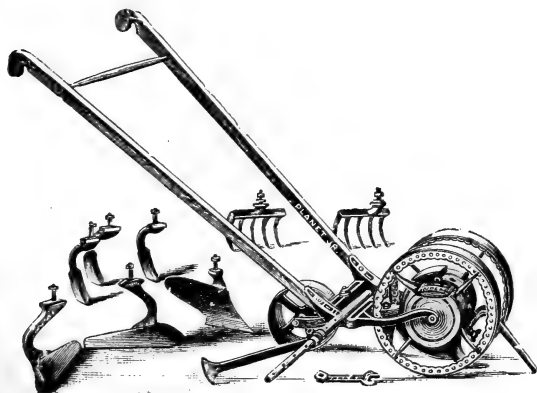
This class of Verbena produces flowers of enormous size. All colors.

Packet, 5c, oz. 75c, $\frac{1}{4}$ lb \$2.50.



Snap Dragon.

One of the most dazzling of colors. Packet 5c.



PLANET, JR., NO. 1.

Hill Dropping, Seed Drill, Hoe
Cultivator and Plow complete, \$9.
As a Drill only, \$8.

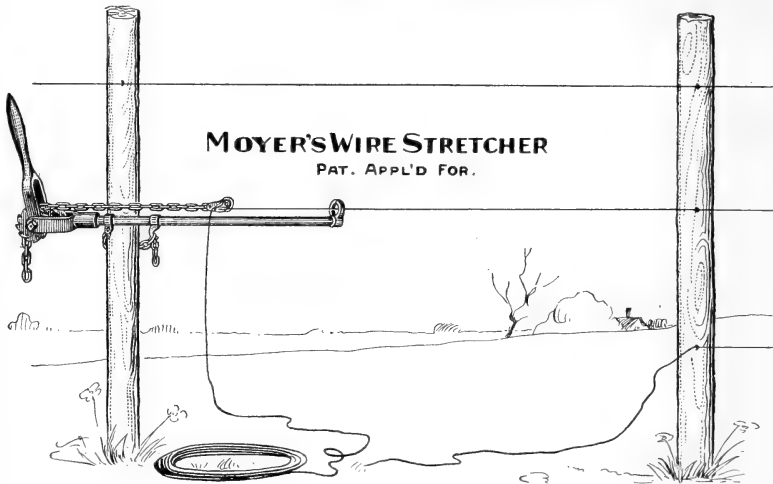
Plants in hills from 6, 9, 12, 18
or 36 inches apart.

Holds three pints.

Shipped by freight, charges not
paid.

Moyers Wire Stretcher

Pulls the Wire 10 inches Past the Post



No loose wire after removing the stretcher. No danger to the operator from wire breaking. New roller clutch cannot slip on the wire. Five times the leverage of ordinary wire stretchers. Just the thing for woven wire fences. An absolutely new device for splicing broken wire, you splice the wire and then stretch the splice and the wire is as tight as before it broke.

Above are some of the reasons why **The Moyer Wire Stretcher** is superior to all others. It is sold on its merits under a positive guarantee. IF YOU HAVE WIRE FENCES YOU CANNOT AFFORD TO BE WITHOUT IT.

Price \$2.50

Write For Particulars

AGENTS WANTED

Wood Bros. Steel Self Feeder Co.

SOLE M'GR'S.

DES MOINES, IOWA.

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the study and the objectives of the research. It also provides a brief overview of the methodology used in the study.

2. The second part of the report is a detailed description of the methodology used in the study. It discusses the data sources, the data collection methods, and the data analysis methods. It also provides a brief overview of the results of the study.

3. The third part of the report is a detailed description of the results of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

4. The fourth part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

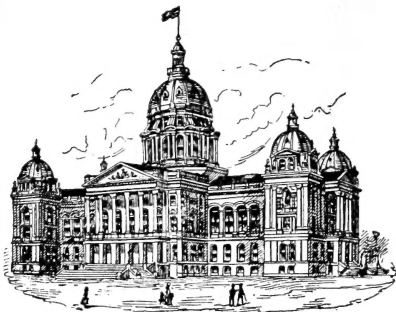
5. The fifth part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

6. The sixth part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

7. The seventh part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

8. The eighth part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.

9. The ninth part of the report is a detailed description of the conclusions of the study. It discusses the findings of the study and the implications of the findings. It also provides a brief overview of the conclusions of the study.



DO YOU WANT THE BEST STOCK?

IF SO,

Feed Capital City Stock Foods

Which are prepared upon scientific principles, and contains the best properties known to modern science. They purify the blood and permanently tone up and strengthen the entire system. They aid digestion and assimilation, so that each animal obtains more nutrition from the grain eaten; Science teaches that each kind of animal need their own particular kind of food. Therefore we have placed on the market one each for Cattle, Horses, Hogs, Sheep and Poultry.

TRY OUR FOODS.

All Mail Orders promptly attended to. CAPITAL CITY STOCK FOODS are always sold on a *Spot Cash* basis.

CAPITAL CITY STOCK FOOD CO.

524 East Walnut St., DES MOINES, IOWA.

A. M. EWING, Sec'y.

PARISH & CO.

REAL ESTATE
CONVEYANCERS.

Lands for Sale or Exchange for Merchandise or Good Town Property

Have a splendid line of Houses to rent. Have Land in Iowa, Minnesota, North and South Dakota, Nebraska, Kansas, Virginia, and especially Missouri.

Careful attention paid to collections.

Legal Documents accurately made out.

Correspondence Solicited.

524 East Walnut St.

DES MOINES, IOWA.

❁ Shaver Carriage Company ❁

MANUFACTURERS OF

Fine Buggies, Carriages, Drays and Express
Wagons

Special Attention Given to Painting, Trimming and General Repairing
of all kinds of Carriage and Wagon Work.

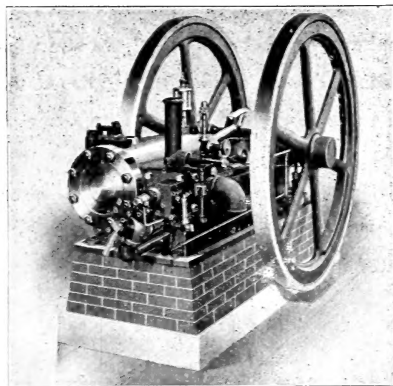
Write for Prices

Iowa 'Phone 990

W. T. SHAVER, Manager

Cor. East Third and Locust Streets

DES MOINES, IOWA



Des Moines Gas Engine Company

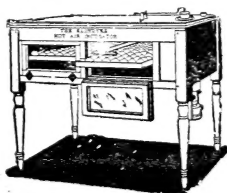
Manufacturers of

Gas and Gasoline Engines.
Engines from $3\frac{1}{2}$ to 20 horse power,
suitable for high class duty.

Send For Catalogue For
Further Information

308-311 East First Street.

DES MOINES, IOWA.



WHY NOT INVESTIGATE THE KLONDIKE?

It has the only moisture system capable of regulation.

NO SLOPPY MOISTURE PANS.

Its radiation and ventilation is a new arrangement and an improvement over all others.

IT IS GUARANTEED TO GIVE SATISFACTION.

We prove our claims in our new catalogue. The machine will prove them in actual service. New catalogue free.

KLONDIKE INCUBATOR COMPANY. Box 100, Des Moines, Iowa

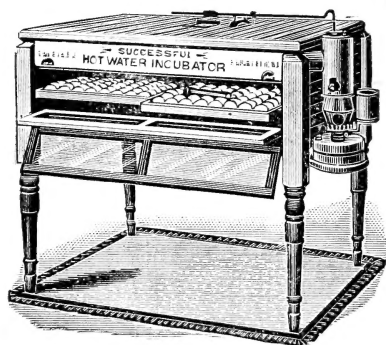
FULLER-JOHNSON MFG. CO.

DES MOINES, IOWA

HAVE THE BEST

Buggies Wagons and Farm Implements

SEE THEIR GOODS



Everybody

who keeps poultry would be glad to have our catalogues which tell all about our Incubators, Brooders, both Hot Air and Hot Water, Poultry Supplies and fine Fowls. We will be glad to send them if you will just give us your name and address. At the same time send us the address of your friends and neighbors who are interested in poultry raising.

THE Royal Poultry Farm

has seventy yards all filled with the finest fowls that experience and money can produce. Address

Des Moines Incubator Co.

Dept. 458

DES MOINES, IOWA

